STATE NORMAL SCHOOL

Mansfield, Pennsylvania.

Herbarium

_____

_____

Polygalaceae

Polygala

Polygala

Paucifolia

Babies Toes

Ernest Knell

Rosaceae

Rose

Waldsteinia

Fragarioides

Barren Strawberry

Ernest Ynell

Leguminosae.
Pulse
Robinia
Pseudo-Acacia
Black Locust

Ernest Knell

Umbelliferae

Parsley

Carum

Carui

Caraway

Ernest Ifnell

Labiatae
Mint
Nepeta
Cataria
Catnip

Ernest Knell

Rosaceae
Rose
Prunus
Virginiana
Chokecherry
Ernest Ingalls

Umbelliferae
Parsley
Daucus
Carota
Common Carrot

Ernest Izuell

Caryophllaceae
Pink
Stellaria
Media
Common Chickweed

Ernest Ynell

Polygonaceae
Buckwheat

Rumex

Acetosella

Common or Sheep Sorrel

Ernest Knell

Caryophyllaceae
Pink
Dianthus
Plumarius
Common Pink

Ernest Knell

Cruciferae

Mustard

Dentaria

Diphylla

Crinkle Root

Ernest Ikell

Compositae

Composite

Taraxacum

Officinale

Dandelion

Ernest Ynell

Violaceae

Violet

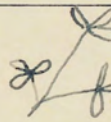
Viola

Pubescens

Downy Yellow Violet

Ernest Knell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)					
CALYX			Hypogenous	White	
Sepals	2	Distinct		Heart Shaped	
COROLLA					
Petals	4	United	Epigynous		
STAMENS	6	In two			
Anthers	6	groups	Epigynous	Yellowish	
Filament	6	Simple			
PISTILS	1				
Ovary	1	simple		green	
Ovules	many				
Style	1				
Stigma	1				
INFLORESCENCE		Raceme			
LEAVES		Compounded in 3's Finely cut.			
STEM		Soft juicy			
ROOT		Fine roots. hair like with small yellow tubers			

DIAGRAMS:—1. Transverse Section

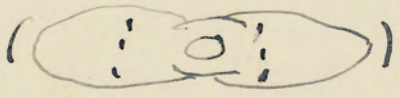
To show relations

Number

Relative size

Cohesion

Position of Bract



2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Papaveraceae

Genus and Species Dicentra

Common Name Dutchman's Breeches

Remarks

Date June 2, 1922

Locality Rich Woods

Your own name Ernest Knell

Saxifragaceae

Saxifrage

Tiarella

Cardifolia

False Miterwort

Ernest Knell

Boraginaceae
Borage
Myosotis
Scorpioides
Forget-me-Not

Ernest Knell

Sabratac

Mint

Nepeta

Hederacea

Ground Ivy

Ernest Ignell

Cruciferae
Mustard
Sisymbrium
Officinale
Hedge Mustard

Ernest Ipsell

Ranunculaceae
Buttercup
Hepatica
Acutiloba
Hepatica

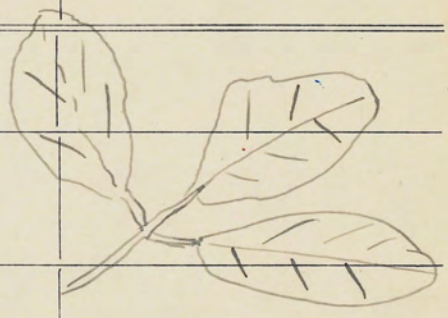
Ernest Knell

Cruciferae
Mustard
Radicula
Armoracia
Horse-Radish
Ernest Knell

Araceae
Arum
Arisaema
Tripkyllium
Jack-in-the-Pulpit

Ernest Knell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)		Spathe instead of sepals			
CALYX					
Sepals	None	Red and green outside			
		Darker inside			
COROLLA					
Petals	None	Spadix covered by spathe			
STAMENS					
Anthers					
Filament					
PISTILS					
Ovary	1				
Ovules	Many				
Style	1				
Stigma	1				
INFLORESCENCE		Axillary			
LEAVES		Compounded in 3's			
STEM		Long juicy			
ROOT		Hairy roots with a bulb or tuber			

DIAGRAMS:—1. Transverse Section

To show relations

Number

Relative size

Cohesion

Position of Bract

2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Araceae

Genus and Species ~~Arisaema~~ Arisaema

Common Name Indian turnip

Remarks Jack-in-the-Pulpit

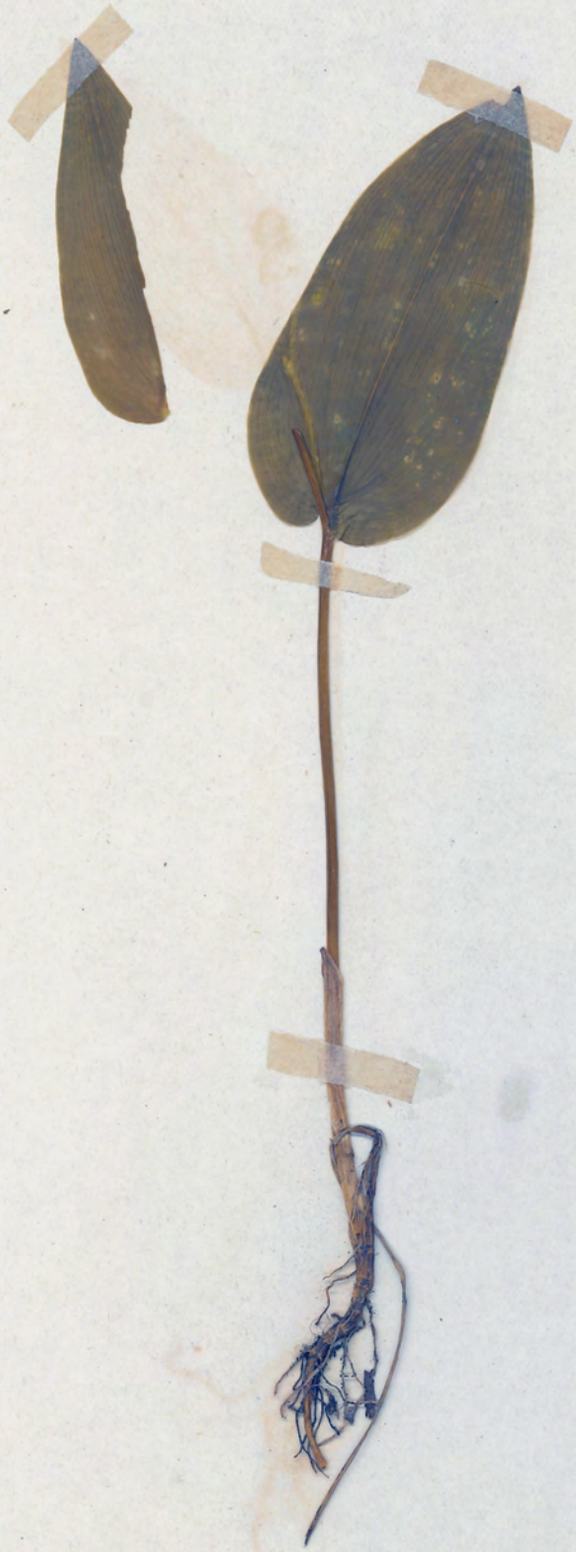
Date June 2, 1922

Locality Rich wood

Your own name Ernest Knell

Orchidacea
Orchis
Cypripedium
Pubescens
Lady's Slipper

Ernest Ynell



Liliaceae
Lily
Maianthemum
Canadense
Lily of the Valley

Ernest Knell

Ranunculaceae

Buttercup

Ranunculus

Septentrionalis

Marsh Buttercup

Ernest Knell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)					
CALYX		Distinct	Epigynous		
Sepals	6	Chorisepalous		White	
COROLLA					
Petals	6	Chorisepalous			
STAMENS	12	Distinct			
Anthers	12	"		White	
Filament	12	"			
PISTILS					
Ovary	1	Compound		White or	
Ovules	many				
Style	1			Yellow	
Stigma	1				
INFLORESCENCE		Axillary			
LEAVES	2				
STEM	1	Thick			
ROOT		Long			

DIAGRAMS:—1. Transverse Section

To show relations

Number

Relative size 1-2 in.

Cohesion

Position of Bract

2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Berberidaceae

Genus and Species Podophyllum, peltatum

Common Name May Apple

Remarks

Date June 2, 1922

Locality Rich woods

Your own name Ernest Ikrell

Umbelliferae

Parsley

Pastinaca

Sativa

Parsnip

Ernest Ynell

Compositae

Composite

Antennaria

Plantaginifolia

Common Everlasting

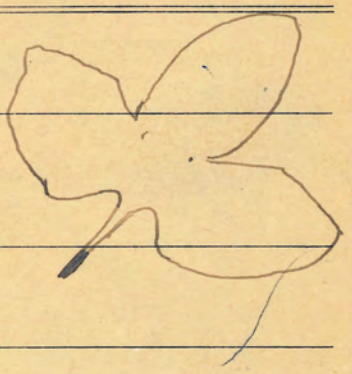
Pussey Toes

Ernest Ifnell

Cornaceae
Dogwood
Cornus
Circinata
Round leaved Dogwood

Ernest Knell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)					
CALYX		Choripetalous	Hypogenous	Green	
Sepals	3				
COROLLA		Chorisepalous	Epigenous	White	
Petals	8				
STAMENS					
Anthers	many				
Filament					
PISTILS					
Ovary	1				
Ovules	many				
Style					
Stigma	1				
INFLORESCENCE		Axillary			
LEAVES		Basal heart shaped 3 lobed.			
STEM		Small. slender. hairy			
ROOT		Fine hairy			

DIAGRAMS:—1. Transverse Section

To show relations

Number

Relative size

Cohesion

Position of Bract

2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Ranunculaceae

Genus and Species Hepatica. triloba

Common Name Round lobed Hepatica

Remarks

Date June 2, 1922

Locality Rich wood, banks

Your own name Ernest Knell

Violaceae
Violet
Viola
Scabriuscula
Smoothish Yellow Violet

Ernest Knell

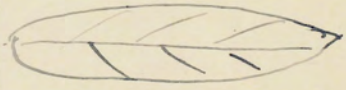
Portulacaceae
Purslane
Claytonia
Virginica
Spring Beauty

Ernest Knell

Papaveraceae
Poppy
Canadensis
Dicentra
Squirrel Corn

Ernest Knell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)					
CALYX			Hypogenous	Green	
Sepals	6	Chorisepalous			
COROLLA			Hypogenous	White	
Petals	6	Chorisepalous		Star-shaped	
STAMENS	6				
Anthers	6		Hypogenous		
Filament	6				
PISTILS	1				
Ovary	1		Superior		
Ovules	many				
Style	1	thread like			
Stigma	1				
INFLORESCENCE		Axillary			
LEAVES	6				
STEM	1				
ROOT		Slender hairy			

DIAGRAMS:—1. Transverse Section

To show relations

Number

Relative size

Cohesion

Position of Bract

2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Primulaceae

Genus and Species Trientalis

Common Name Star Flower

Remarks

Date June 2, 1922 Cold

Locality Rich Woods

Your own name Ernest Knell

Violacea

Violet

Viola

Striata

Striped Violet

Ernest Ignell

Caprifoliaceae
Honeysuckle
Diervilla
Tatarica
Tatarian Honeysuckle

Ernest Knell

Compositae
Composite
Coreopsis
Lanceolata
Tickseed

Ernest Knell

Saxifragaceae

Saxifrage

Mitella

Diphylla

Two leaved Bishop's Cap

Ernest Knell

Leguminosae

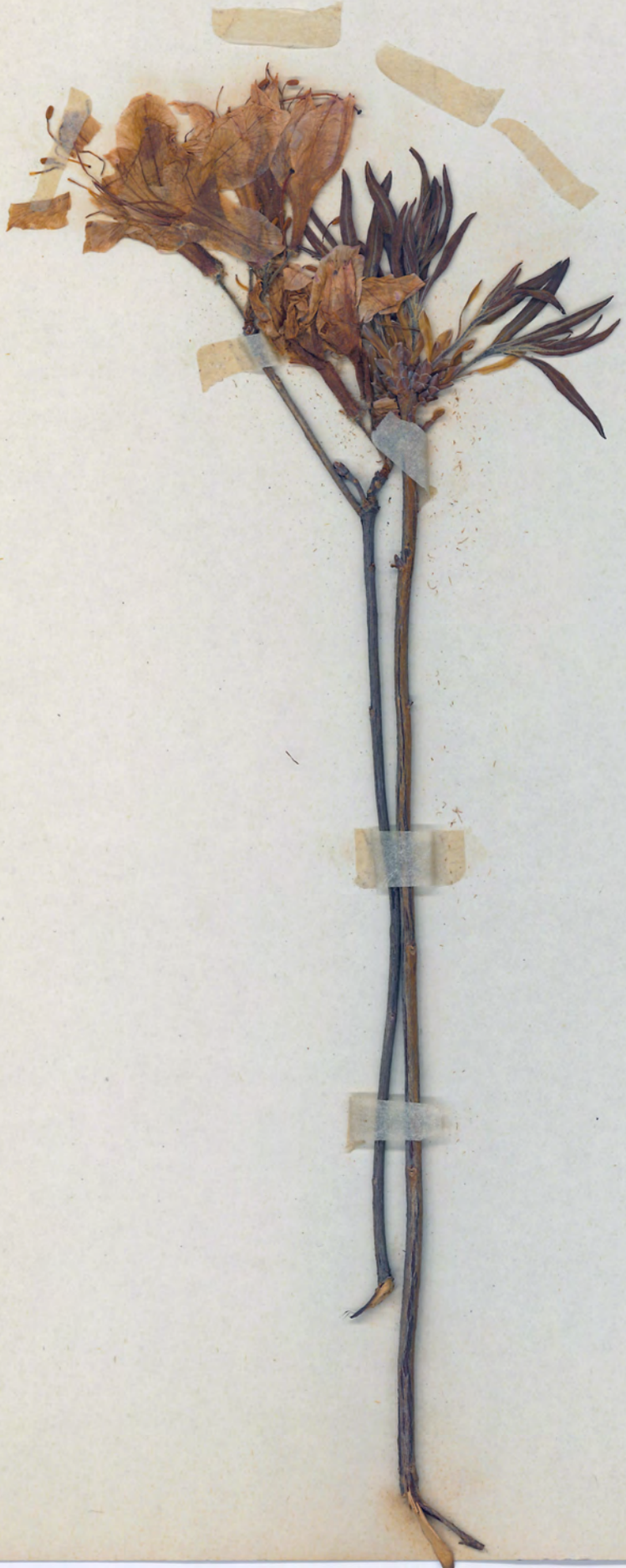
Pulse

Lathyrus

Venosus

Veiny Vetch

Ernest Knell



Caprifoliaceae
Honeysuckle
Diervilla
Japonica
Weigela

Ernest Pruell

Leguminosae
Pulse
Trifolium
Repens
White Clover

Ernest Knell

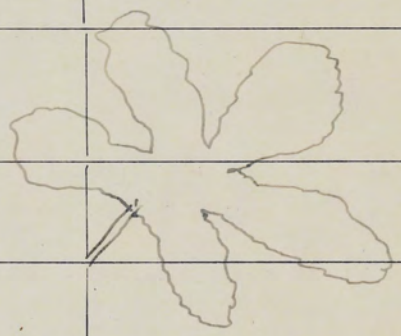
Liliace
Lily
Trillium
Nivale
White Trillium

Ernest Ifnell

Geraniaceae
Geranium
Geranium
Maculatum
Wild Geranium, or
Wild Cranes Bill

Ernest Ynell

PLANT ANALYSIS

NAME OF PARTS	NO.	COHESION	ADNATION	FORM AND COLOR	DRAWINGS
(Perianth)					
CALYX			Hypogenous	Green	
Sepals	5	Chorisepalous		½ length petals	
COROLLA					
Petals	5	Chorisepalous		Purple	
STAMENS	10	Monadelphous			
Anthers	10		Hypogenous	Yellow	
Filament	10	Divided		Slender	
PISTILS	1				
Ovary	5				
Ovules	many			Green	
Style	1				
Stigma	5				
INFLORESCENCE					
LEAVES		5 lobed			
STEM		12-16 high		hairy	
ROOT					

DIAGRAMS:—1. Transverse Section

To show relations

Number

Relative size

Cohesion

Position of Bract

2. Vertical Section

To show relation of parts

Adnation

Form of receptacle

Etc.

ORDER Geraniaceae

Genus and Species Maculation

Common Name Wild Geranium

Remarks

Date June 2, 1922

Locality Open woods & thickets

Your own name Ernest Knell

Rosaceae
Rose
Fragaria
Virginiana
Wild Strawberry

Ernest Knell

Ranunculaceae

Buttercup

Anemone

Quinquefolia

Wood Anemone

Ernest Ifnell

Liliaceae

Lily

Erythronium

Americanum

Yellow Adder Tounge

Ernest Knell